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United States  
Department of  
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Forest Service

Forest Health  
Technology  
Enterprise Team

Davis, CA

# BIBLIOGRAPHY OF PESTICIDE USE, SAFETY, AND APPLICATION TECHNOLOGY - FHTET-DAVIS LIBRARY



FHTET 96-25  
December 1996



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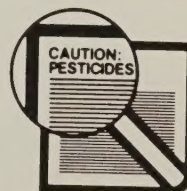
Pesticides used improperly can be injurious to human beings, animals, and plants. Follow the directions and heed all precautions on labels. Store pesticides in original containers under lock and key—out of the reach of children and animals—and away from food and feed.

Apply pesticides so that they do not endanger humans, livestock, crops, beneficial insects, fish, and wildlife. Do not apply pesticides where there is danger of drift when honey bees or other pollinating insects are visiting plants, or in ways that may contaminate water or leave illegal residues.

Avoid prolonged inhalation of pesticide sprays or dusts; wear protective clothing and equipment, if specified on the label.

If your hands become contaminated with a pesticide, do not eat or drink until you have washed. In case a pesticide is swallowed or gets in the eyes, follow the first aid treatment given on the label, and get prompt medical attention. If a pesticide is spilled on your skin or clothing, remove clothing immediately and wash skin thoroughly.

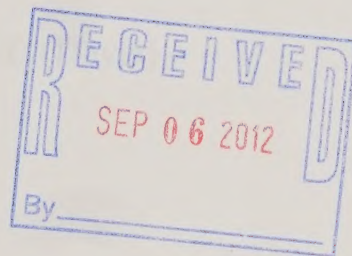
**NOTE:** Some States have restrictions on the use of certain pesticides. Check your State and local regulations. Also, because registrations of pesticides are under constant review by the U.S. Environmental Protection Agency, consult your local forest pathologist, county agriculture agent, or State extension specialist to be sure the intended use is still registered.





FHTET 96-25  
December 1996

Bibliography of Pesticide  
Use, Safety, and Application  
Technology - FHTET-Davis  
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Compiled by:

Patricia J. Skyler  
John W. Barry

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USDA Forest Service  
Forest Health Protection/  
Washington Office  
Forest Health Technology  
Enterprise Team  
2121C Second Street  
Davis, CA 95616  
(916)757-8343



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## PREFACE

This bibliography represents a listing of 16 categories contained in the USDA Forest Service, Forest Health Protection (FHP), Washington Office, Forest Health Technology Enterprise Team-Davis (FHTET-Davis), CA library. Criteria for listing is the presence of the citation pesticide application technology in the library.

The WO/FHTET-Davis office has been the focal point for dissemination of information on pesticide aerial application technology since 1976. In pursuit of its technology development mission the staff produced and sponsored preparation of reports, publications, articles and presentations on pesticide use technology, especially aerial application, but also including pesticide use management, training and safety; environmental fate; modeling atmospheric dispersion; methods of spray deposit sampling; biorational control agents; spray hardware; and weather. The Davis office has a unique collection of reference material which, on a continuing basis, was inventoried, catalogued, and indexed into a national database through December 1996. Much of this material does not exist in other libraries and thus is not known, accessible, or retrievable. In time such reference material can be lost within the process of personnel transfers, staff reorganizations, and relocations. The FHTET-Davis office is scheduled to be closed effective January 3, 1997 and its mission integrated with FHTET offices at Morgantown, WV and Ft. Collins, CO.

In cooperation with USDA Forest Service, Information Systems and Technology Staff (FS INFO), Washington, DC, the WO/FHTET-Davis staff has catalogued this collection. Many of the documents listed in this publication have been entered into the database by the FS INFO staff. Indexed materials in the database follow national standards for bibliographic description, Anglo-American Cataloging Rules (AACR2) and authorized thesaurus, Commonwealth Agriculture Bureau (CAB) Thesaurus, for subject access.

The 16 categories for the USDA Forest Service, WO/FHTET-Davis library cataloging project are listed in the Table of Contents and on pages v and vi. A listing of abbreviations and acronyms is provided on pages 2 and 3. These categories are of utility to the FHP offices and not necessarily suited to other library needs. Our apologies if this is a problem.



This bibliography is not annotated nor does it include key words. The authors recognize the great value of annotation, however, limitations imposed by budget restraints have constrained our goals of an annotated bibliography.

Notwithstanding, the authors hope you find this bibliography a useful reference.



REPORT CATEGORIES FOR USDA FOREST SERVICE,  
FHTET-DAVIS LIBRARY CATALOGUING PROJECT

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|--|--|
| 1. FPM (Davis), MAG (Davis), and FHP-FHTET (Davis) Numbered Reports                      | Reports that have an FPM (Davis), MAG (Davis), or FHTET (Davis) report number.   |
| 2. FPM (Davis), MAG (Davis) and FHP-FHTET (Davis) Unnumbered Reports and Papers          | Reports and papers that were prepared by FPM (Davis), MAG (Davis), or FHTET (Davis) but were not assigned a report number. |
| 3. MTDC Numbered Reports   | Reports that have an MTDC report number.   |
| 4. MTDC Unnumbered Reports and Papers  | MTDC reports and papers that were prepared by MTDC but were not assigned an MTDC report number.                            |
| 5. Journal and Book Publications by Forest Service Authors                               | Publications in peer reviewed journals and books by Forest Service authors.  |
| 6. ASAE Papers by Forest Service Authors   | Papers presented at national meetings of American Society of Agricultural Engineers.                                       |
| 7. ASAE Papers by Non-Forest Service Authors   |  |
| 8. Magazine and Trade Journal Articles by Forest Service Authors                         | Publications in non-peer reviewed publications.  |
| 9. Papers and Abstracts by Forest Service Authors as Listed in Proceedings and Abstracts | These may be peer or non-peer reviewed papers.   |

10. FPM (Davis) and MTDC Contractor Reports and Papers	Contractor reports and papers
11. U.S. Army and U.S. Army Contractor Reports and Papers	Reports and papers by U.S. Army cooperators and their contractors.
12. Region, Station and WO Reports and Papers	USDA Forest Service reports and papers.
13. Canadian Reports and Papers	Reports and papers from any Canadian province, agency or university.
14. Miscellaneous Reports and Papers	All reports and papers that do not fall within the above categories.
15. History	Pesticide application technology, spray behavior, forest pest control, aerial application, spray aircraft, other.
16. Pesticide Safety	Reports and papers on pesticide safety.

## INTRODUCTION

This bibliography is a listing of reports, publications, and other papers contained in the USDA Forest Service, Washington Office, Forest Health Technology Enterprise Team (FHTET-Davis) (formerly WO/FPM (Davis)) library currently located at Davis, CA. Criteria for listing in this bibliography are as follows:

1. Reports, publications, and other papers on aerial and ground application of pesticides including pesticide application technology, and research, pilot, and operational control projects.
2. Reports, publications, and other papers that are physically present in the FHTET-Davis library.
3. Reports, publications, and other papers that contain historic, scientific, and engineering information and data that we believe is or will be of value to persons pursuing research, development, and field operations in planning, conducting, and evaluation of pesticide-use research and/or operational projects.

The citation format and guidelines used in this bibliography are those of the American Society of Agricultural Engineers.

The bibliography is set up as follows:

- |        |  |
|--------|--|
| First  | Alphabetically by primary author.                                    |
| Second | By year - oldest first (i.e. 1969, then 1970, etc.).                 |
| Third  | By report number - oldest first (i.e. FPM 90-3, then FPM 90-4, etc.) |



## ABBREVIATIONS AND ACRONYMS

AGDISP	<u>Agricultural Dispersal</u> aerial spray model
AGLINE	<u>Agricultural Line</u> Source Code
ASAE	<u>American Society of Agricultural Engineers</u>
CDI	<u>Continuum Dynamics, Inc.</u>
DPG	U.S. Army <u>Dugway Proving Ground</u> , Utah
EMCOT	<u>Event Modeling for Complex Terrain</u>
FIDM	<u>Forest Insect and Disease Management</u> staff, now called FPM
FPM	USDA Forest Service, Washington Office staff, <u>Forest Pest Management</u>
FHTET-Davis	USDA Forest Service, Washington Office, <u>Forest Health Technology Enterprise Team</u> located at <u>Davis, CA</u>
FSCBG	<u>Forest Service-Cramer-Barry-Grim</u> aerial spray model
MAG (Davis)	USDA Forest Service, Washington Office staff, Forest Pest Management, <u>Methods Application Group</u> formerly located at <u>Davis, CA</u> . (In 1995 MAG was merged with FPM Davis, CA and Morgantown, WV groups to become the Forest Health Technology Enterprise Team (FHTET))

## ABBREVIATIONS AND ACRONYMS (Cont'd)

MEDC	USDA Forest Service, Washington Office, <u>Missoula Equipment Development Center</u> , or <u>Equipment Development Center</u> , Missoula, MT, new name MTDC
MTDC	USDA Forest Service, Washington Office, <u>Missoula Technology Development Center</u> located at Missoula, MT.
WIND	<u>Winds in Non-Uniform Domains</u> , a cooperative field study conducted jointly by U.S. Army and USDA Forest Service





**FPM (DAVIS), MAG (DAVIS), AND FHP-FHTET (DAVIS)  
NUMBERED REPORTS**



FPM (DAVIS), MAG (DAVIS), AND FHP-FHTET (DAVIS)  
NUMBERED REPORTS

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**CANADIAN REPORTS AND PAPERS**





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**MISCELLANEOUS REPORTS AND PAPERS**



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## **PESTICIDE SAFETY**





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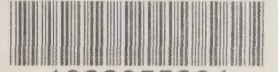
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